



west virginia department of environmental protection

Division of Air Quality
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Jim Justice, Governor
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MEMORANDUM

To: Beverly McKeone
From: William T. Rothwell II
Date: March 15, 2017
Subject: Carbon Innovations, LLC – Tridelphia - Ohio County, WV
ID #: 069-00083
APP #: PD17-014

BACKGROUND INFORMATION:


Touchstone Research Laboratory, Ltd. is proposing to install and operate new 3-axis milling machine (11S) to trim carbon foam billets that are produced under their current WVDEP air permit R13-2578B. The proposed milling machine will also incorporate a 15,000 CFM dust collector (7C).

The emissions from the above additions are as follows:

<u>POLLUTANT</u>	<u>HOURLY PTE</u>	<u>YEARLY PTE</u>
PM	0.01	0.75
PM ₁₀	0.01	0.75

RECOMMENDATION:

Although the emission rates are below the emission limits of six (6) lb/hr and ten (10) TPY; 2 lb/hr, or 5 TPY of HAPs set forth in 45CSR13 - 2.17.a&b, there is an increase in emissions. A Class II Administrative Update of permit R13-2578B is recommended by this Division due to the increase in emissions.


William T. Rothwell II, P.E.
Engineer

03/15/2017

Date